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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/510,980	10/13/2004	Werner Liedy	PAT 2480W-2	2203	
	7590 03/11/200 ONER GERVAIS LLP	EXAMINER			
Gail C. Silver	EENI CT	TAI, XIUYU			
1100-100 QUEEN ST OTTAWA, ON K1P 1J9			ART UNIT	PAPER NUMBER	
CANADA	CANADA			4151	
			NOTIFICATION DATE	DELIVERY MODE	
			03/11/2008	ELECTRONIC	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipinfo@blgcanada.com gsilver@blgcanada.com akinsman@blgcanada.com

Office Action Summary		Application No.	Applicant(s)				
		10/510,980	LIEDY, WERNER				
		Examiner	Art Unit				
		XIUYU TAI	4151				
Period fo	The MAILING DATE of this communication app r Reply	pears on the cover sheet with the	correspondence address				
WHIC - Exten after 9 - If NO - Failur Any re	DRTENED STATUTORY PERIOD FOR REPL HEVER IS LONGER, FROM THE MAILING D sions of time may be available under the provisions of 37 CFR 1.1 SIX (6) MONTHS from the mailing date of this communication. period for reply is specified above, the maximum statutory period e to reply within the set or extended period for reply will, by statute aply received by the Office later than three months after the mailin d patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION (136(a). In no event, however, may a reply be will apply and will expire SIX (6) MONTHS from (6), cause the application to become ABANDON	ON. timely filed om the mailing date of this communication. NED (35 U.S.C. § 133).				
Status							
1)[\]	Responsive to communication(s) filed on 13 C	October 2004					
'=	This action is FINAL . 2b) ☐ This action is non-final.						
′=	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is						
•	closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.						
	on of Claims						
•	Claim(s) 1-9,11,12 and 14-23 is/are pending in the application.						
	4a) Of the above claim(s) is/are withdrawn from consideration.						
•	5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected.						
·	Claim(s) is/are rejected. Claim(s) is/are objected to.						
•	Claim(s) is/are objected to: Claim(s) <u>1-9,11,12 and 14-23</u> are subject to re	estriction and/or election require	mont				
0)	Ciaiiii(s) <u>1-9,11,12 and 14-23</u> are subject to re	striction and/or election require	ment.				
Application	on Papers						
9) 🗆 -	The specification is objected to by the Examine	er.					
10) 🔲 -	The drawing(s) filed on is/are: a)☐ acc	epted or b) objected to by the	e Examiner.				
	Applicant may not request that any objection to the	drawing(s) be held in abeyance. S	ee 37 CFR 1.85(a).				
	Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).						
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.							
Priority u	nder 35 U.S.C. § 119						
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 							
2) Notice (3) Inform	e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO/SB/08) No(s)/Mail Date	4) Interview Summa Paper No(s)/Mail 5) Notice of Informa 6) Other:					

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Election/Restrictions

1. This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.

Group I, claims 1 - 9, and 18 - 20 are drawn to a reactor for carrying out photocatalysed reactions

Group II, claims 11, 12, 21, and 22 are drawn to a microradiator for use in reactors for carrying out photacatalysed reactions.

Group III, claims 14 - 17, and 23 are drawn to a process for carrying out photocatalytic reaction

2. Where the group of inventions is claimed in one and the same international application, the requirement for unity of invention referred to in Rule 13.1 shall be fulfilled only when there is a technical relationship among those inventions involving one or more of the same or corresponding special technical features. The expression "special technical features" shall mean those technical features that define a contribution which each of the claimed inventions considered as a whole, makes over the prior art. The inventions listed as Groups I, II and III do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, although they share the special technical feature, this special technical feature does not define a contribution over the prior art for the following reasons: "microradiators" is the special technical feature linking Group I, Group II, and Group III. "Microradiators"

suitable for absorbing the electromagnetic radiation and for emitting light is known in the art, such as U.S. 6,509, 188 or WO 0,061,719. Accordingly, the special technical feature does not provide a contribution over the prior art.. Therefore the restriction is appropriate.

3. A telephone call was made to Gail Silver on 1/18/2008 to request an oral election to the above restriction requirement, but did not result in an election being made.

Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement may be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To preserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to XIUYU TAI whose telephone number is (571)270-1855. The examiner can normally be reached on Monday - Friday, 7:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mikhail Kornakov can be reached on 571-272-1303. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Xiuyu Tai

2/1/2008

/Michael Kornakov/ Supervisory Patent Examiner, Art Unit 4151